

Docket No. 50037.273US01

Serial No.: 10/797,962

Application Filing Date: March 11, 2004

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In the Claims:

Claim 1 (original): A method for managing a connectivity object for a mobile device, comprising:

obtaining a tree structure that includes connectivity parameters associated with the mobile device as part of the tree structure; and

incorporating at least a portion of the tree structure into the mobile device.

Claim 2 (original): The method of Claim 1, wherein the connectivity object is selected from a proxy object and a Network Access Point (NAP) object.

Claim 3 (original): The method of Claim 2, further comprising sending at least the portion of the tree structure to the mobile device.

Claim 4 (original): The method of Claim 3, further comprising representing the tree structure as XML.

Claim 5 (Currently Amended): The method of Claim 5~~1~~, wherein at least one of the connectivity parameters associated with the mobile device may be changed, deleted, or queried without sending the entire tree structure to the mobile device.

Claim 6 (original): The method of Claim 2, further comprising adding at least one object to the Proxy and NAP object tree structure.

Claim 7 (original): The method of Claim 2, further comprising deleting at least one object from the Proxy and NAP object tree structure.

Claim 8 (original): The method of Claim 2, wherein the NAP object may be used to manage at least one of a Wi-Fi connection and desktop pass-through (DTPT) connection.

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Claim 9 (original): The method of Claim 2, wherein the tree structure includes a location for vendor specific extension.

Claim 10 (original): The method of Claim 2, wherein the tree structure includes a WAP subtree.

Claim 11 (original): A system for managing a connectivity object for a mobile device, comprising:

a server including a network communication device coupled to a network and a data store configured to store connectivity parameters associated with the mobile device, and a device management application configured to perform actions, including:

preparing a tree structure representing connectivity parameters associated with the connectivity object to a mobile device; and

sending at least a portion of the tree structure to the mobile device;

the mobile device including a network communication device coupled to the network and a local data store, and a connectivity application that is configured to perform actions, including:

receiving the portion of the tree structure from server that includes connectivity parameters associated with the mobile device;

incorporating the connectivity parameters; and

storing the tree structure in the mobile device.

Claim 12 (original): The system of Claim 11, wherein the connectivity object is selected from a proxy object and a Network Access Point (NAP) object.

Claim 13 (Currently Amended): The system of Claim 11, wherein the actions performed by the device management application further comprising comprise representing the tree structure as XML.

Claim 14 (Currently Amended): The system of Claim 12, wherein the actions performed by the device management application further comprising comprise adding at least one object to the Proxy and NAP object tree structure.

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Claim 15 (Currently Amended): The system of Claim 12, wherein the actions performed by the device management application further comprising deleting at least one object from the Proxy and NAP object tree structure.

Claim 16 (original): The system of Claim 13, wherein at least one of the connectivity parameters associated with the mobile device may be changed, deleted, or queried without sending the entire tree structure to the mobile device.

Claim 17 (Currently Amended): The system of Claim 13, wherein the NAP object may be used to manage at least one of a Wi-Fi connection and desktop pass-through (DTPT) connection.

Claim 18 (original): The system of Claim 13, wherein the tree structure includes a location for vendor specific extension.

Claim 19 (original): The system of Claim 13, wherein the tree structure includes a WAP subtree.

Claim 20 (original): A computer-readable medium having computer executable instructions for managing a connectivity object for a mobile device, the instructions comprising:
defining a tree structure that includes connectivity parameters associated with the mobile device;
storing the tree structure; and
incorporating the tree structure into the mobile device.

Claim 21 (original): The computer-readable medium of Claim 20, wherein the connectivity object is selected from a proxy object and a Network Access Point (NAP) object.

Claim 22 (original): The computer-readable medium of Claim 21, further comprising sending at least the portion of the tree structure to the mobile device.

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Claim 23 (original): The computer-readable medium of Claim 21, further comprising representing the tree structure as XML.

Claim 24 (original): The computer-readable medium of Claim 23, wherein the NAP object may be used to manage at least one of a Wi-Fi connection and desktop pass-through (DTPT) connection.

Claim 25 (original): The computer-readable medium of Claim 24, wherein the tree structure includes a location for vendor specific extension.

Claim 26 (original): The computer-readable medium of Claim 24, wherein the tree structure includes a WAP subtree.

Claim 27 (original): The computer-readable medium of Claim 23, further comprising adding at least one object to the Proxy and NAP object tree structure.

Claim 28 (original): The computer-readable medium of Claim 23, further comprising deleting at least one object selected from the proxy NAP tree structure.

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